



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1723  
Examiner : David L. Sorkin  
Serial No. : 09/708,225  
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Inventor : Keith Luker  
Title : EXTRUDER MIXER



22469

PATENT TRADEMARK OFFICE

Docket No.: 1511-00  
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**AMENDMENT**

Commissioner for Patents  
Washington, DC 20231

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Sir:

In response to the Official Action dated February 28, 2002, we herewith submit our Amendment and Argument.

**Marked-Up Version Showing Changes Made to the Claims**

1. (Amended) An extruder mixer for plastified material comprising a rotatable elongated screw and means for rotating said screw, said screw having a mixing section adapted to mix plastified materials, said mixing section having an inlet channel flowingly connected to a cross-axial pump constructed and arranged to feed a subsequent said downstream inlet channel, wherein said subsequent downstream inlet channel is flowingly connected to further feed said mixture to at least one subsequent downstream cross-axial pump that is bounded by a flight on at least one side of said downstream cross axial pump, wherein said extruder mixer further includes an output channel to flowingly deliver the resulting plastic mixture.

3. (Amended) The apparatus of Claim 1, wherein an upstream feeder is flowingly connected to cause and to control input feed of mixable materials.